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(54) **SYSTEM AND METHOD FOR
INTERACTIVELY ACCESSING PROGRAM
INFORMATION ON A TELEVISION**

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Under 35 U.S.C. 154(b), the term of this patent shall be extended for 0 days.

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348/564; 348/569**

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(56) **References Cited**

U.S. PATENT DOCUMENTS

4,706,121	11/1987	Young	358/142
4,751,578	6/1988	Reiter et al.	358/183
4,908,713	3/1990	Levine	358/335
4,977,455	12/1990	Young	358/142
5,151,789	9/1992	Young	358/194.1
5,301,028	4/1994	Banker et al.	
5,353,121	10/1994	Young et al.	348/563
5,373,288	12/1994	Blahut	
5,418,559	5/1995	Blahut	

5,434,626	7/1995	Hayashi et al.	
5,481,296 *	1/1996	Cragun	348/13
5,517,257	5/1996	Dunn et al.	
5,524,195	6/1996	Clanton, III et al.	
5,548,340 *	8/1996	Bertran	348/559
5,557,338	9/1996	Maze et al.	
5,585,838 *	12/1996	Lawler	348/13
5,629,730	5/1997	Park	347/188
5,629,733 *	5/1997	Youman	348/7
5,657,072 *	8/1997	Aristides	348/13
5,724,567 *	3/1998	Rose	395/602
5,732,216 *	3/1998	Logan	348/7
5,734,853 *	3/1998	Hendricks et al.	348/7
5,801,787 *	9/1998	Schein	348/589
5,822,123 *	1/2000	Davis	348/564
5,835,087 *	11/1998	Herz	348/1
5,850,218 *	12/1998	Lajoie	345/327
5,973,683 *	10/1999	Cragun	345/327
6,014,184 *	1/2000	Knee	348/564
6,020,883 *	2/2000	Herz	345/327
6,025,837 *	2/2000	Mathews	345/327

* cited by examiner

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(57) **ABSTRACT**

The present invention relates to a system and method for accessing television program information, particularly context sensitive information, some of which may be found through the Internet.

A method and system according to the present invention is presented for interactively accessing program information on a television, the method comprising receiving a search request; generating at least one automatic search term regarding a program for television; and searching the Internet for requested information.

47 Claims, 9 Drawing Sheets

